



A BRAND AE-VTSS

Advanced Performance Anti-Vibration, Multi-Functional Carbide End Mill

Perfect for CNC Lathe Machining

PRIMARY TARGETS

- Plunging, side milling, slotting.
- Travel-limited machining environments and lathes.
- Steels, stainless, and more!

SOLUTIONS

- Excellent plunging stability.
- Multi-functional cutting styles.
- Stub length.

WHAT OUR CUSTOMERS SEE

- Significant improvement in end mill plunging operations over conventional end mills.
- Stable and low cutting force vs competitors.

HOW DOES IT WORK?

Cutting Stability

- Low cutting resistance & variable geometry.

New Gash Form

- Improved chip formation during plunging.

Stub LOC & OAL

- Easily intergrates into small work spaces.



osgtool.com

OSG USA, Inc. : 800-837-2223

OSG Canada, Ltd. : 905-632-8032 • OSG Royco (Mexico) : +52 (722) 279-36-08 to 11

A Brand AE-VTSS

Advanced Performance Anti-Vibration, Multi-Functional Carbide End Mill

A Brand AE-VTSS

A Brand AE-VTSS is a Duarise coated advanced multifunctional carbide end mill for ferrous metals. With superb chip handling, this stubby end mill can side mill, slot, ramp, AND PLUNGE!



Features & Benefits

- **Positive Rake Angle** Reduces cutting force.
- **High Rigidity** Improves milling accuracy.
- **New Flute Form** Facilitates excellent chip evacuation.
- **Duarise Coating** Minimizes thermal cracks.
- **Variable Leads** Enables stable and high efficiency milling.

List Numbers

8233 - A Brand AE-VTSS (Inch)
8333 - A Brand AE-VTSS (Metric)

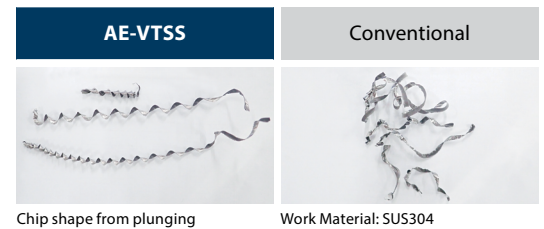
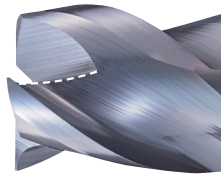
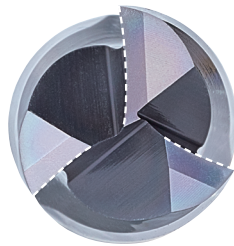
Size Range

1/8"-1/2"
3mm-12mm

Stable Plunging

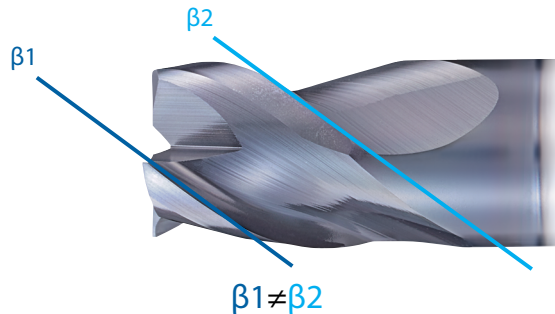
3-Flute Design and Bottom Cutting Edge Hook Shape

For stable chip shape and improved chip evacuation. Can be used for a wide variety of processing such as plunging.



Unequal Spacing of Teeth and Variable-Lead Geometry

Stable and high efficiency milling is made possible by the suppression of chattering.



Tool Geometry Suitable for CNC Machines

OAL 50mm/2-1/2" or less!

Ø3-Ø10 : 45mm
Ø12 : 50mm
Ø1/8"-Ø1/4" : 2"
Ø3/8"-Ø1/2" : 2.5"

LOC 1.5xD or Less!

Ø3-Ø5 : 1.5D
Ø6-Ø12 : 1D
Ø1/8"-Ø3/16" : 1.5D
Ø1/4"-Ø1/2" : 1D



For more information use your phone to scan the QR code to the right and visit: osgtool.com/ae-vtss



© Copyright 2024 OSG USA, INC. All rights reserved.
EDP#800372CA

osgtool.com
OSG USA, Inc. : 800-837-2223

OSG Canada, Ltd. : 905-632-8032 • OSG Royco (Mexico) : +52 (722) 279-36-08 to 11